

**Abstract**

The present invention is an improved wood-plastic composite (WPC) produced from a mixture comprising, wood particles, plastic, and optionally additives. The WPC of the invention further comprises an active ingredient that acts as a biocide. The active ingredient comprises TBBA or a homologue or derivative thereof and is added to the mixture together with the wood particles during and/or before production of the WPC. A method of producing the improved WPC of the invention is described.